

Coaxial Band-pass Filter

34.75-36.25GHz/ 2.92 Female

Model: TLBF-35G5-1G5-A

TLBF-35G5-1G5-A is a coaxial band-pass filter with a passband frequency from 34.75 to 36.25GHz and a rejection frequencies @33.5 and 37.5 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 34.75 to 36.25GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

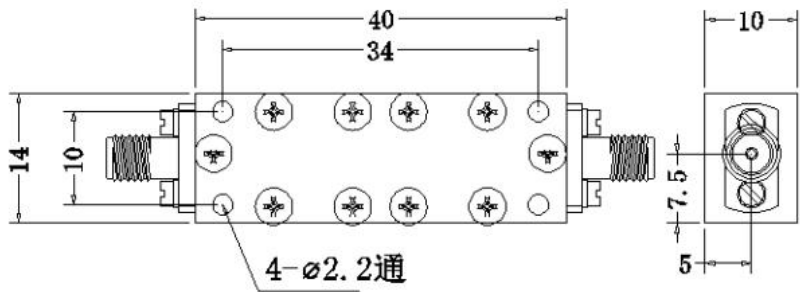
Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Passband Frequency range		34.75		36.25	GHz
Passband Insertion Loss				2.0	dB
Pass Band Ripple				1.6	dB
Rejection	@33.5GHz	50			dB
	@37.5GHz	50			
Power Handling				20	W
Input VSWR				1.8	:1
Output VSWR				1.8	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	2.92 Female	

Outline Drawing: Unit:mm;

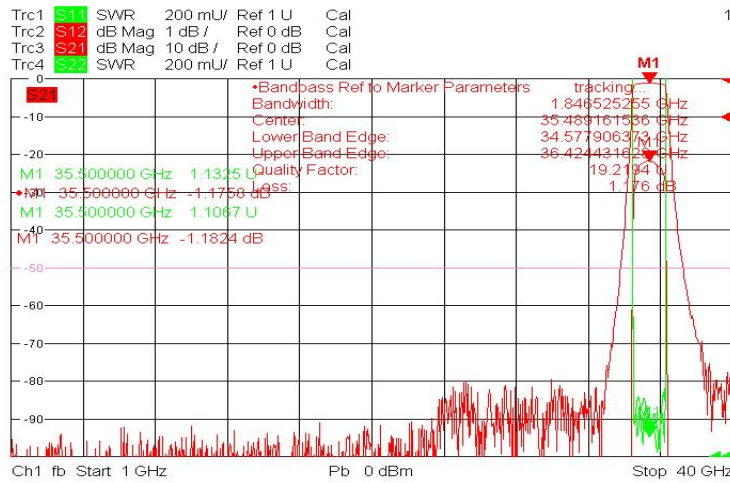


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-35G5-1G5-A	Coaxial Band-pass Filter, Passband frequency range: 34.75 to 36.25GHz , Passband Insertion Loss: 2.0dB, 2.92 Female	Rev.1.0

Typical Performance Data:



Frequency(GHz)

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.